

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE:

STATE	Caribbean Area	FIELD OFFICE		DATE	
PRACTICE: 560 Access Road			NOTES:		
RESOURCE: SOIL			Help Message: Click on form field for choice lists. Tab key to move around. "NOT APPLICABLE" is the		
RESOURCE CONCERN: EROSION					
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			Negligible		
WIND			Negligible		
EPHEMERAL GULLY			Slight to moderate decrease because of water interception.		
CLASSIC GULLY			Slight to moderate decrease because of interception surface flow.		
STREAMBANK			Slight to moderate decrease because of reduction of overback flow.		
IRRIGATION INDUCED			Slight decrease because of improved farmability and irrigation equipment access		
SOIL MASS MOVEMENT			N/A		
ROADBANK/CONSTRUCTION			Slight to significant decrease because of controlled access		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			Not applicable.		
SOIL COMPACTION			Slight to moderate decrease because of controlled traffic.		
SOIL CONTAMINATION					
• SALTS			Negligible		
• ORGANICS			Negligible to significant decrease because of improvement in distribution of animal wastes and timeliness of application		
• FERTILIZERS			Negligible		
• PESTICIDES			Negligible		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			Slight decrease because of interception of sediment transport.		
• OFFSITE			Slight decrease because of interception of sediment transport.		
DEPOSITION/SAFETY					
• ONSITE			Slight decrease because of interception of sediment transport.		
• OFFSITE			Slight decrease because of interception of sediment transport.		
OTHER					

RESOURCE: WATER RESOURCE CONCERN: WATER QUANTITY	
SEEPS	Not applicable
RUNOFF/FLOODING	Slight to moderate decrease increase or decrease because of managing runoff depending on orientation and location of access road.
EXCESS SUBSURFACE WATER	Not applicable
INADEQUATE OUTLETS	Slight to moderate decrease increase or decrease because of managing runoff depending on orientation and location of access road.
WATER MGT. IRRIGATION	Slight to moderate decrease because of better farmability and irrigation equipment access, where access is the limiting road factor
• SURFACE	slight improvement in irrigation efficiency
• SPRINKLER	slight improvement in irrigation efficiency
WATER MGT. NON-IRRIGATED	Negligible to slight decrease because of improved farmability
RESTRICTED FLOW CAPACITY (H2O convey.)	
• ONSITE	Slight to moderate decrease increase or decrease because of managing runoff depending on orientation and location of access road.
• OFFSITE	Slight to moderate decrease increase or decrease because of managing runoff depending on orientation and location of access road.
RESTRICTED STORAGE	Slight to moderate decrease increase or decrease because of managing runoff depending on orientation and location of access road.
OTHER	

RESOURCE: WATER RESOURCE CONCERN: WATER QUALITY	
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	Slight decrease because of facilitating pest management
• NUTRIENTS AND ORGANICS	Negligible to significant decrease because of improvement in distribution of animal wastes and timeliness of application.
• SALINITY	Not applicable.
• HEAVY METALS	Not applicable.
• PATHOGENS	Not applicable.
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	Not applicable.
• NUTRIENTS AND ORGANICS	Slight decrease because of improvement in distribution of animal wastes and timeliness of application, and sediment intercepted. Potential for slight increase in surface runoff where access road is used as haul road for animal waste distribution.
• SUSPENDED SEDIMENTS	Slight to moderate decrease because of controlled erosion, sedimentation and runoff, and reduced organic loadings.
• LOW DISSOLVED OXYGEN	Negligible.
• SALINITY	Not applicable
• HEAVY METALS	Not applicable
• WATER TEMPERATURE	Not applicable
• PATHOGENS	Not applicable
AQUATIC HABITAT SUITABILITY	Slight to significant (significant is especially true for logging roads), decrease because of controlled erosion and runoff, and reduced sediment yield and turbidity.
OTHER	

RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALITY	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	Not Applicable
• OFFSITE SAFETY	Not Applicable
• ONSITE STRUCT. PROBLEMS	Not Applicable
• OFFSITE STRUCT. PROBLEMS	Not Applicable
• ONSITE HEALTH	Not Applicable
• OFFSITE HEALTH	Not Applicable
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	Not Applicable
AIRBORNE CHEMICAL DRIFT	Not Applicable
AIRBORNE ODORS	Not Applicable
FUNGI, MOLDS, AND POLLEN	Not Applicable
OTHER	
RESOURCE CONCERN: AIR CONDITION	
AIR TEMPERATURE	Not Applicable
AIR MOVEMENT (windbreak effect)	Not Applicable
HUMIDITY	Not Applicable
OTHER	

[illegible]

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	